

FIG. 1
PRIOR ART

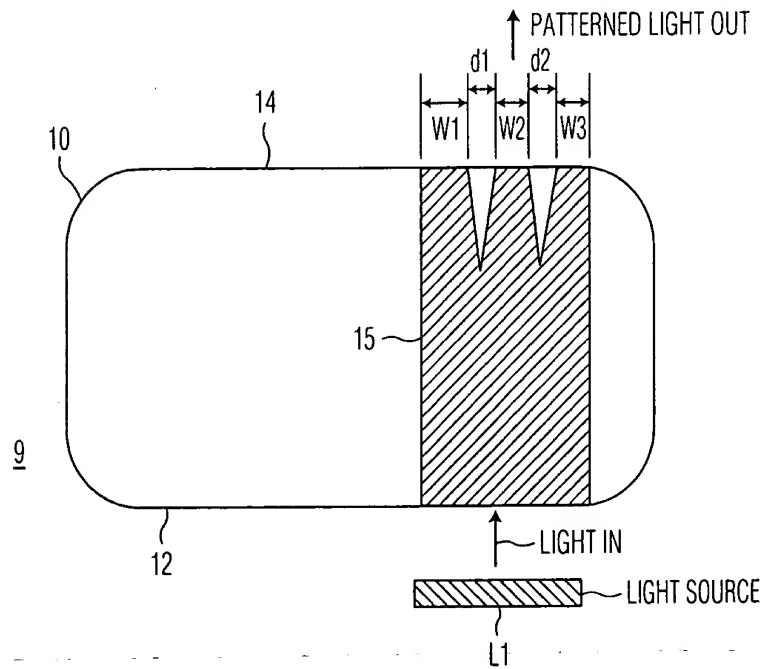


FIG. 2A

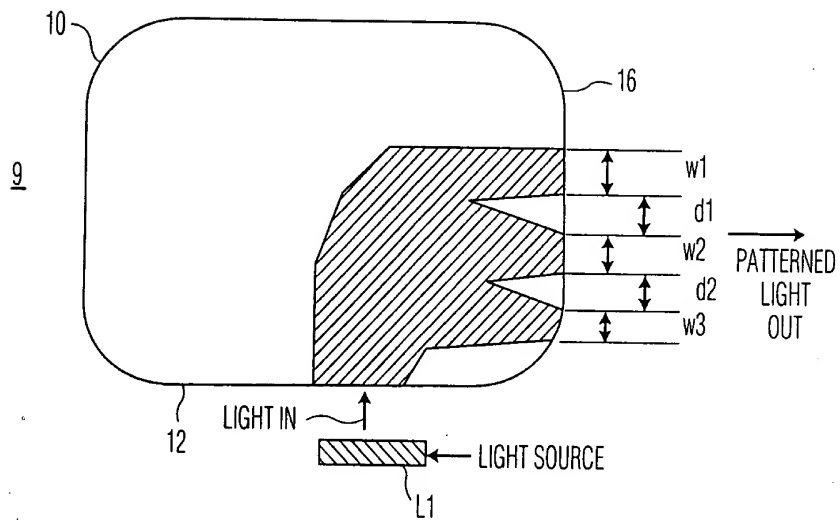


FIG. 2B

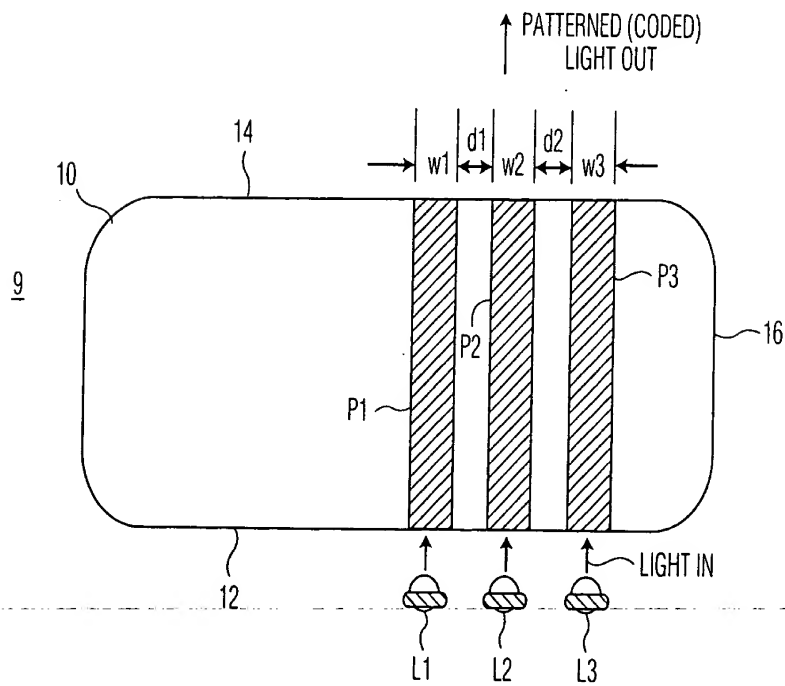


FIG. 2C

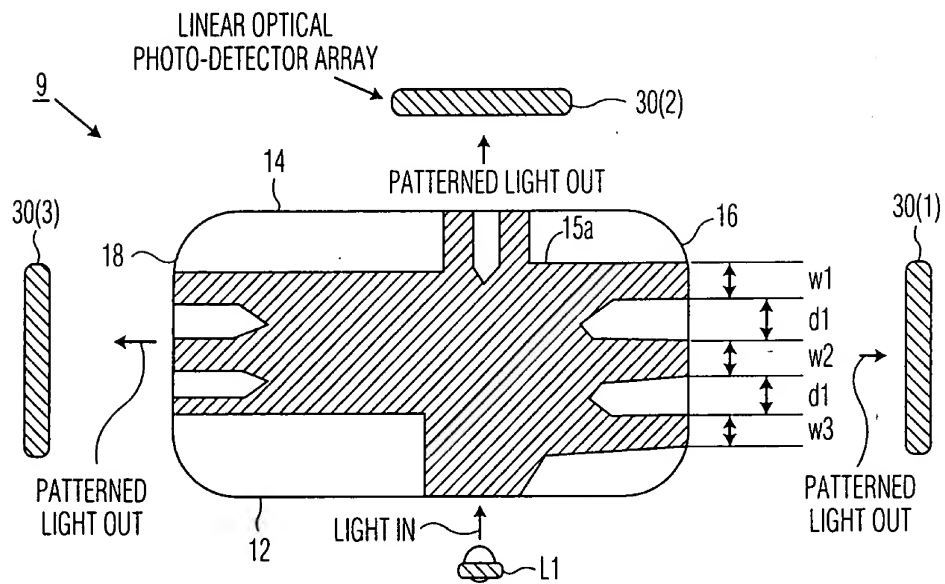
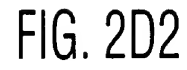


FIG. 3

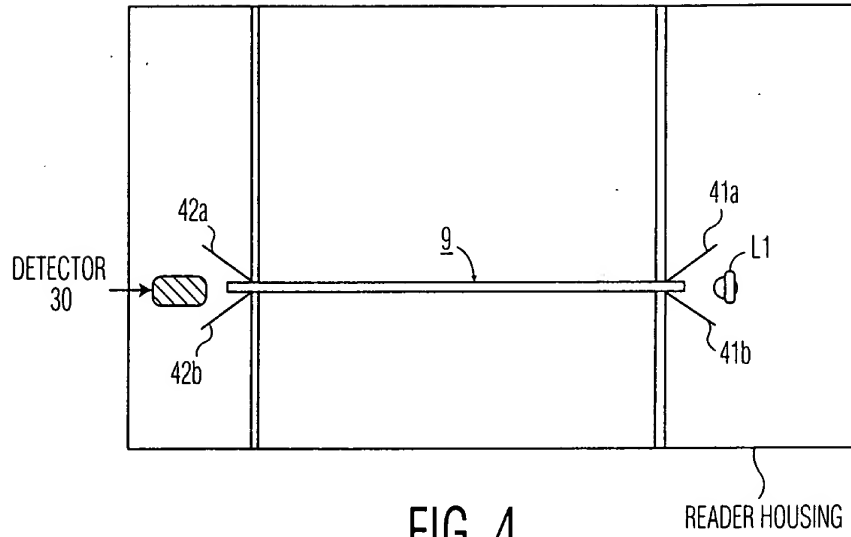


FIG. 4

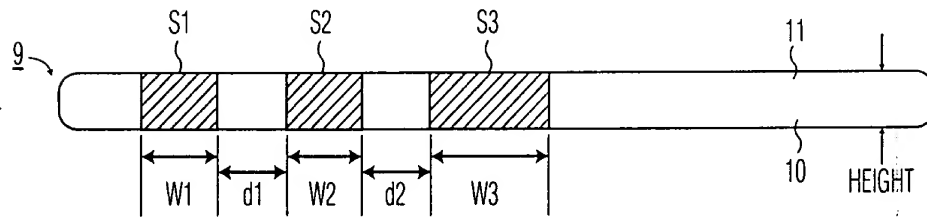


FIG. 5

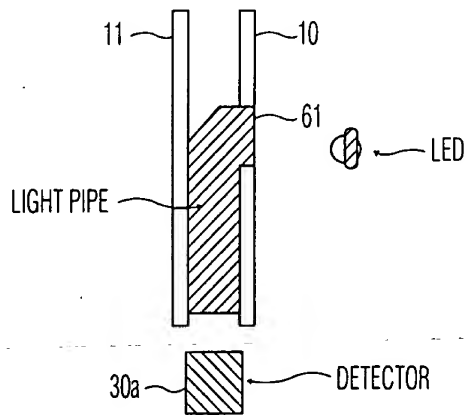


FIG. 6A

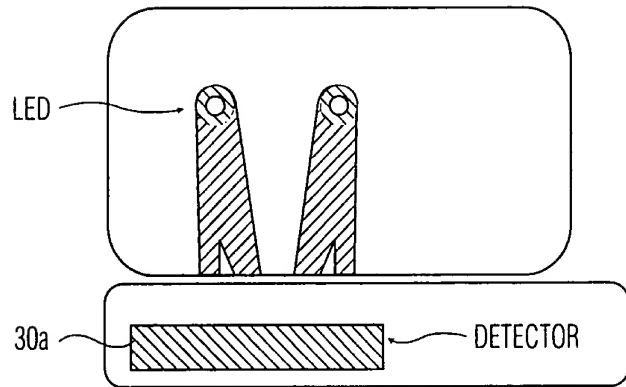


FIG. 6B

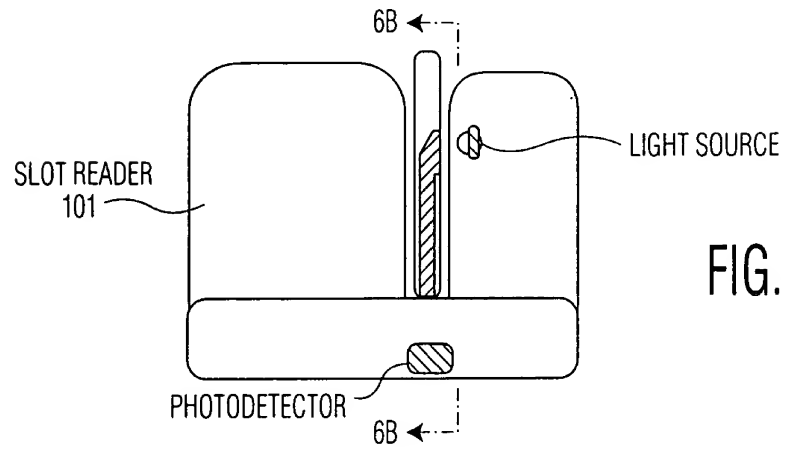


FIG. 6C

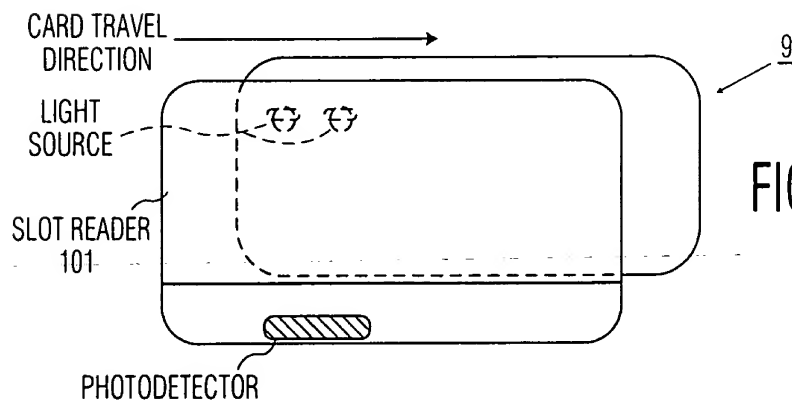


FIG. 6D

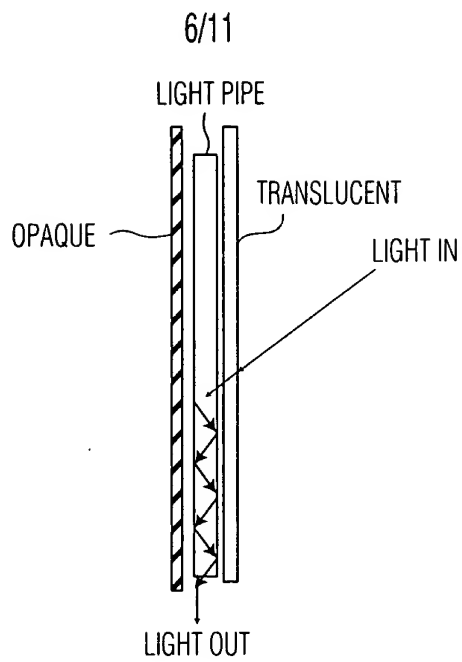


FIG. 6E

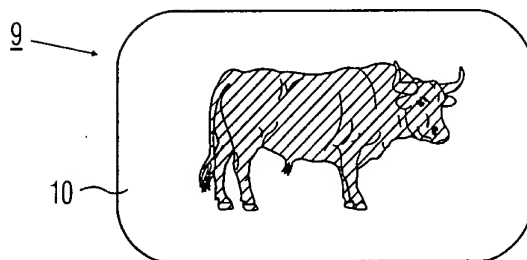


FIG. 7A

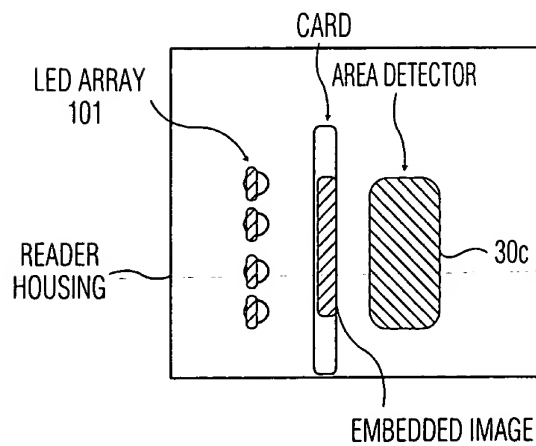


FIG. 7B

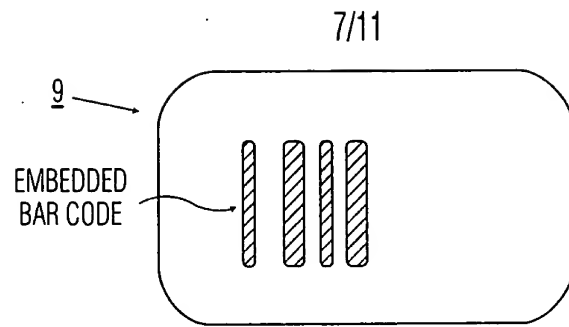


FIG. 8A

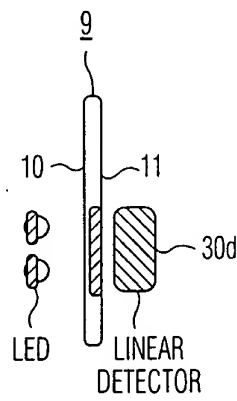


FIG. 8B

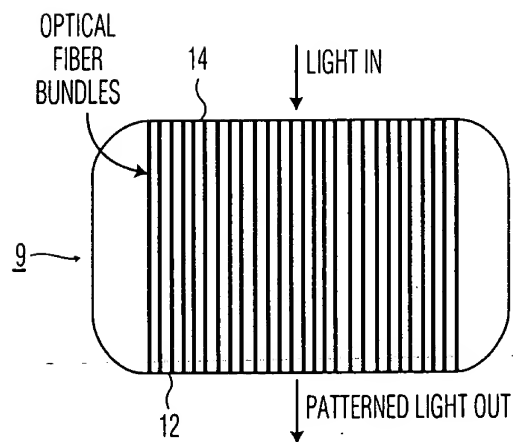


FIG. 9A

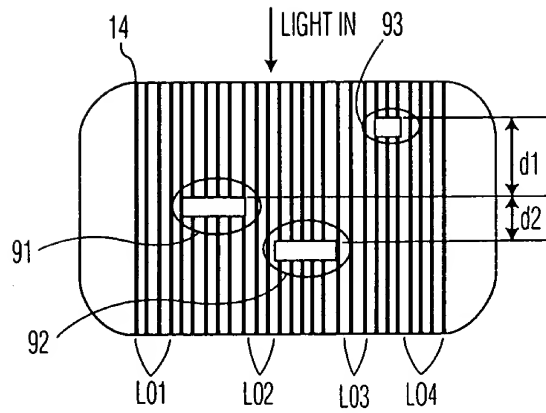


FIG. 9B

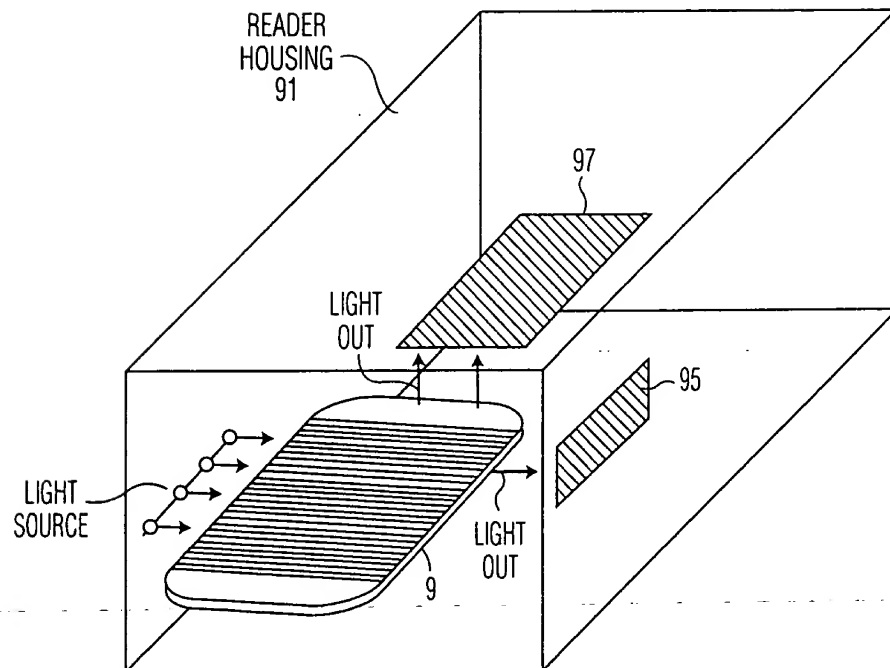


FIG. 9C

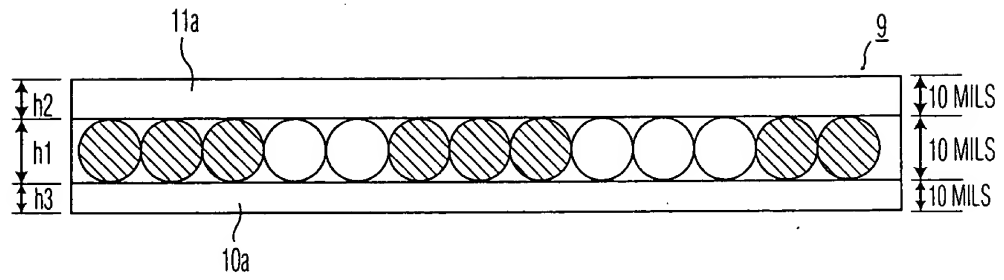


FIG. 9D

RANDOM PLACEMENT OF
OPTICAL FIBER STRANDS

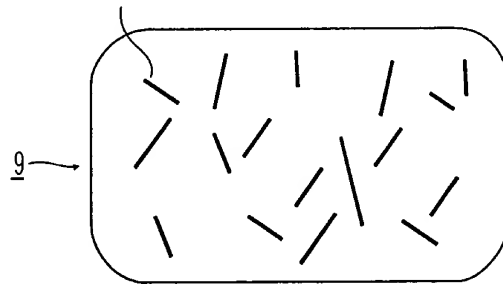


FIG. 10A

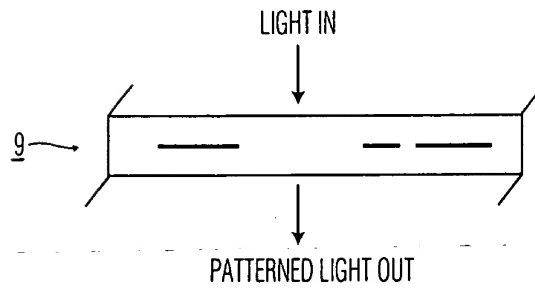


FIG. 10B

10/11

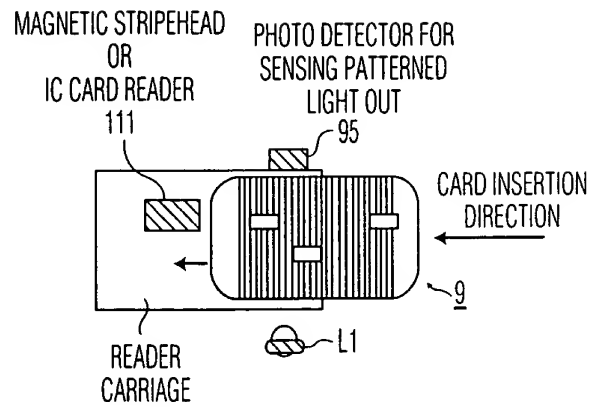


FIG. 11A

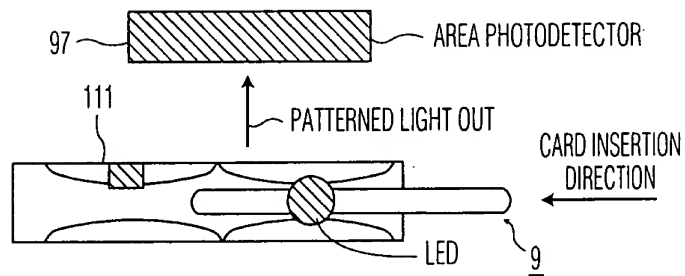


FIG. 11B

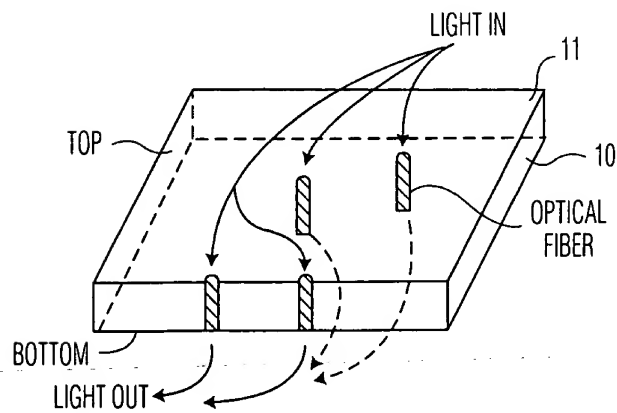


FIG. 12

FIG. 13 is a schematic diagram of a light pipe/fiber assembly. The assembly consists of a central light pipe/fiber (11) surrounded by an opaque layer (10). The assembly is divided into three regions: A, B, and C. Region A is the top section, Region B is the middle section, and Region C is the bottom section. The light pipe/fiber (11) is shown as a central core, and the opaque layer (10) is shown as a surrounding shell. The regions A, B, and C are defined by the arrangement of the opaque and translucent layers.

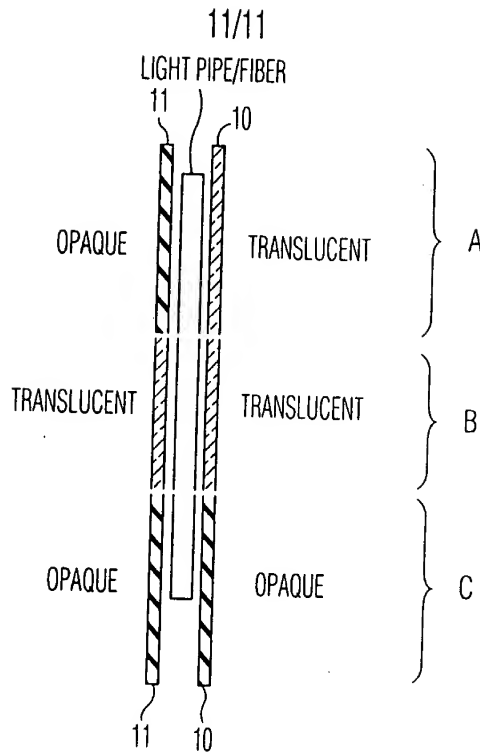


FIG. 13

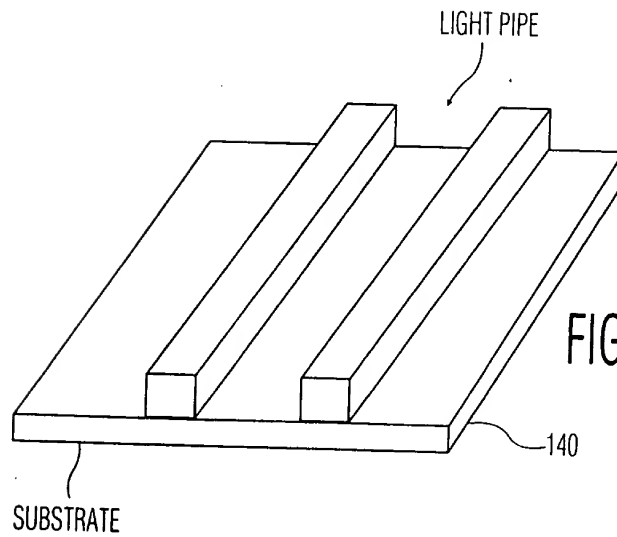


FIG. 14A

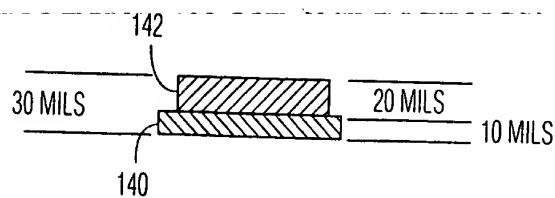


FIG. 14B

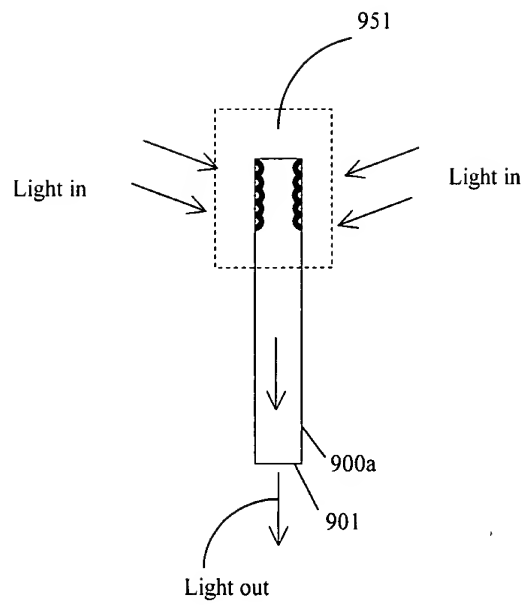


Figure 16A

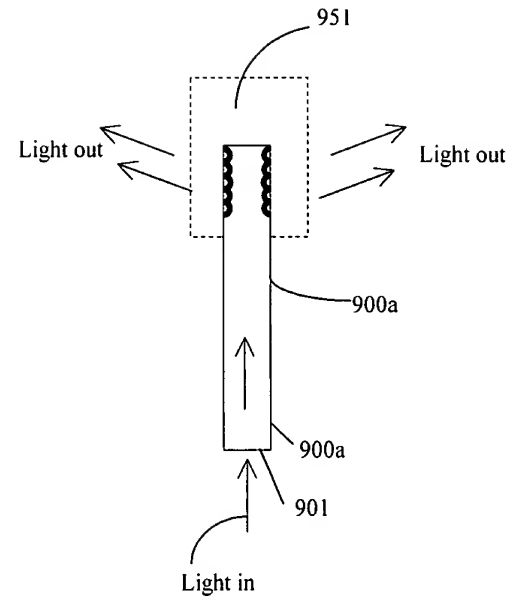


Figure 16B

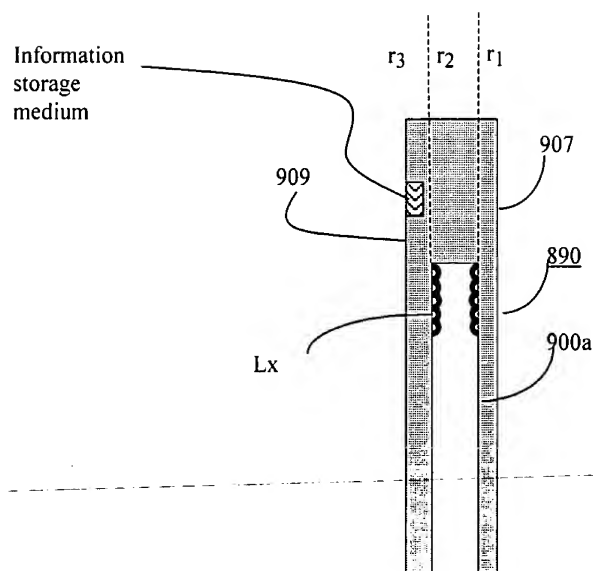


Figure 17A

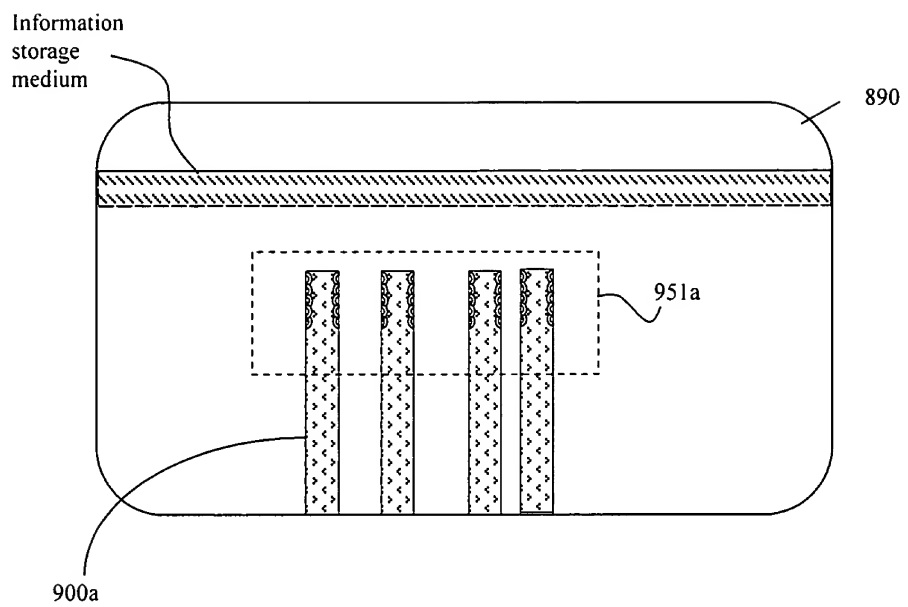


Figure 17B

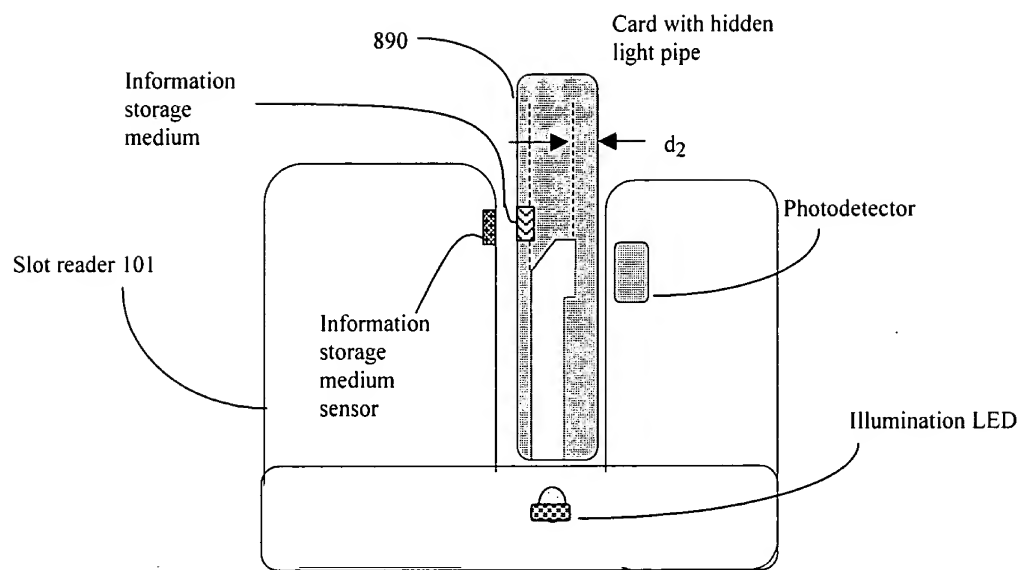


Figure 18A

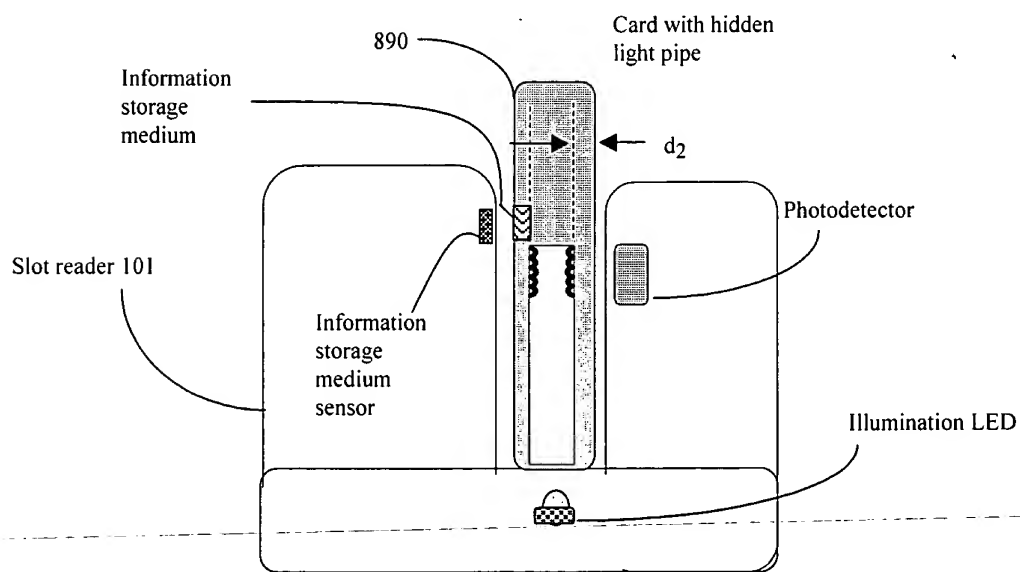
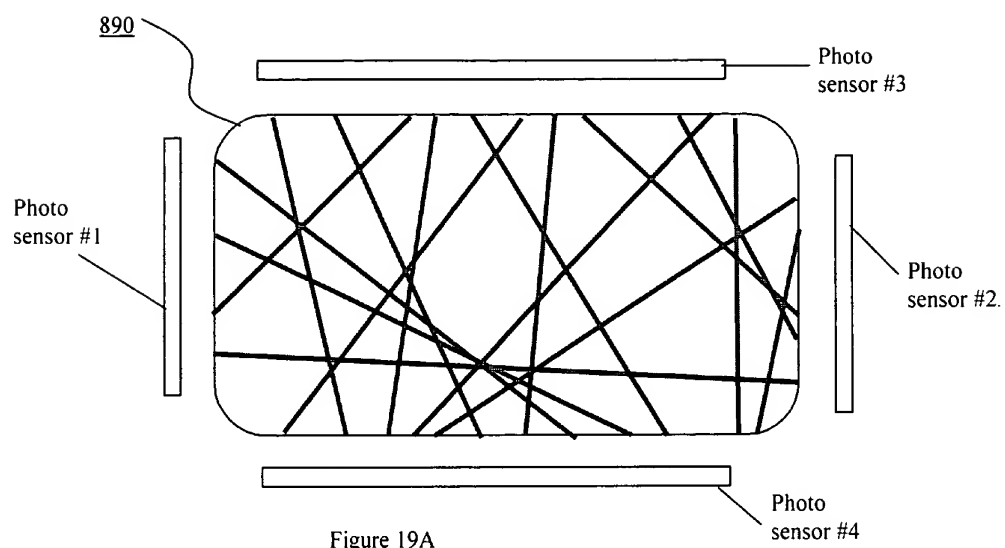


Figure 18B

*



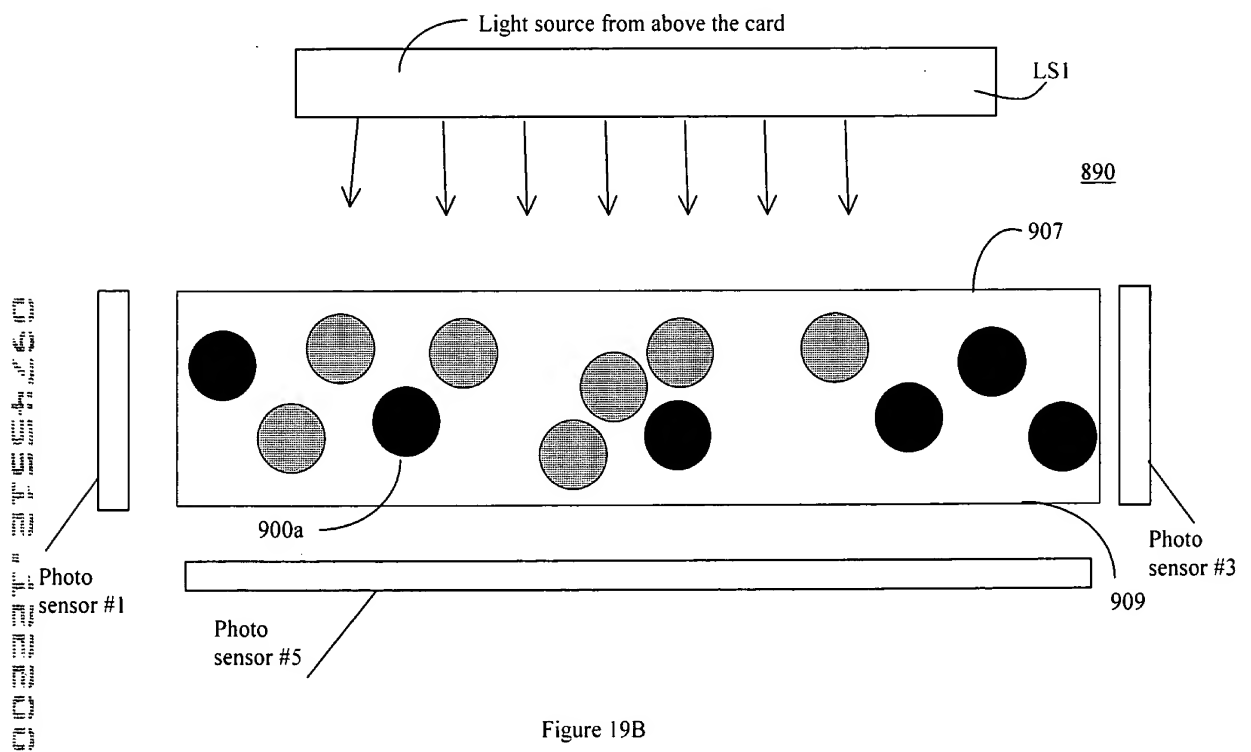


FIG. 20A

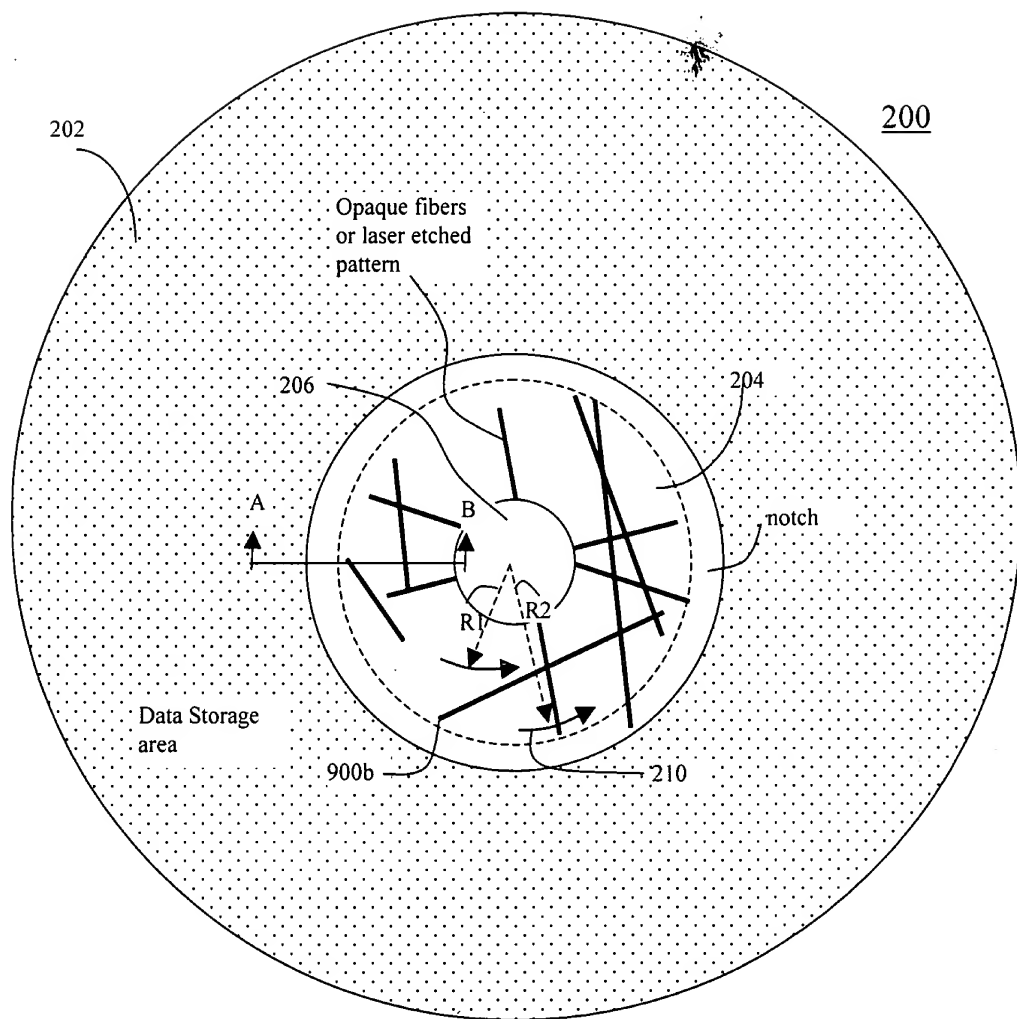


Figure 20A

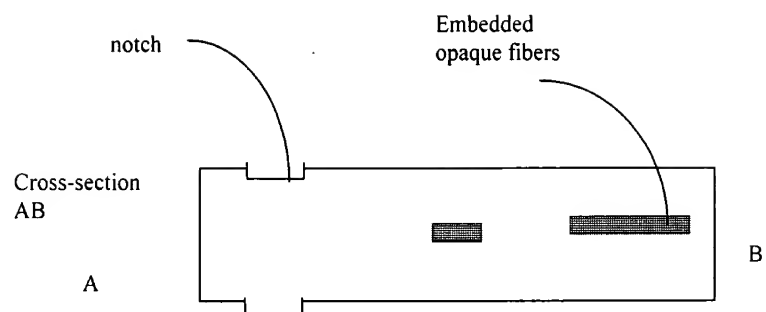


Figure 20B

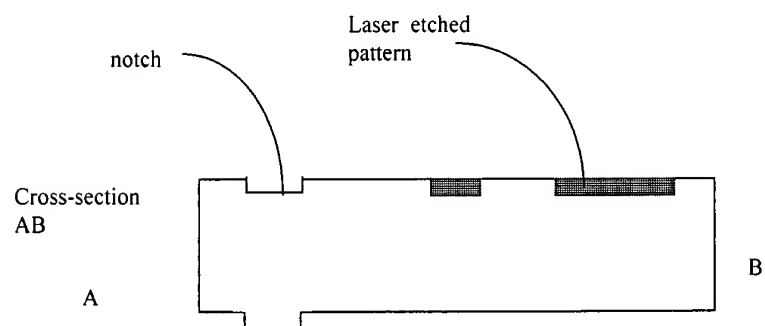


Figure 20C

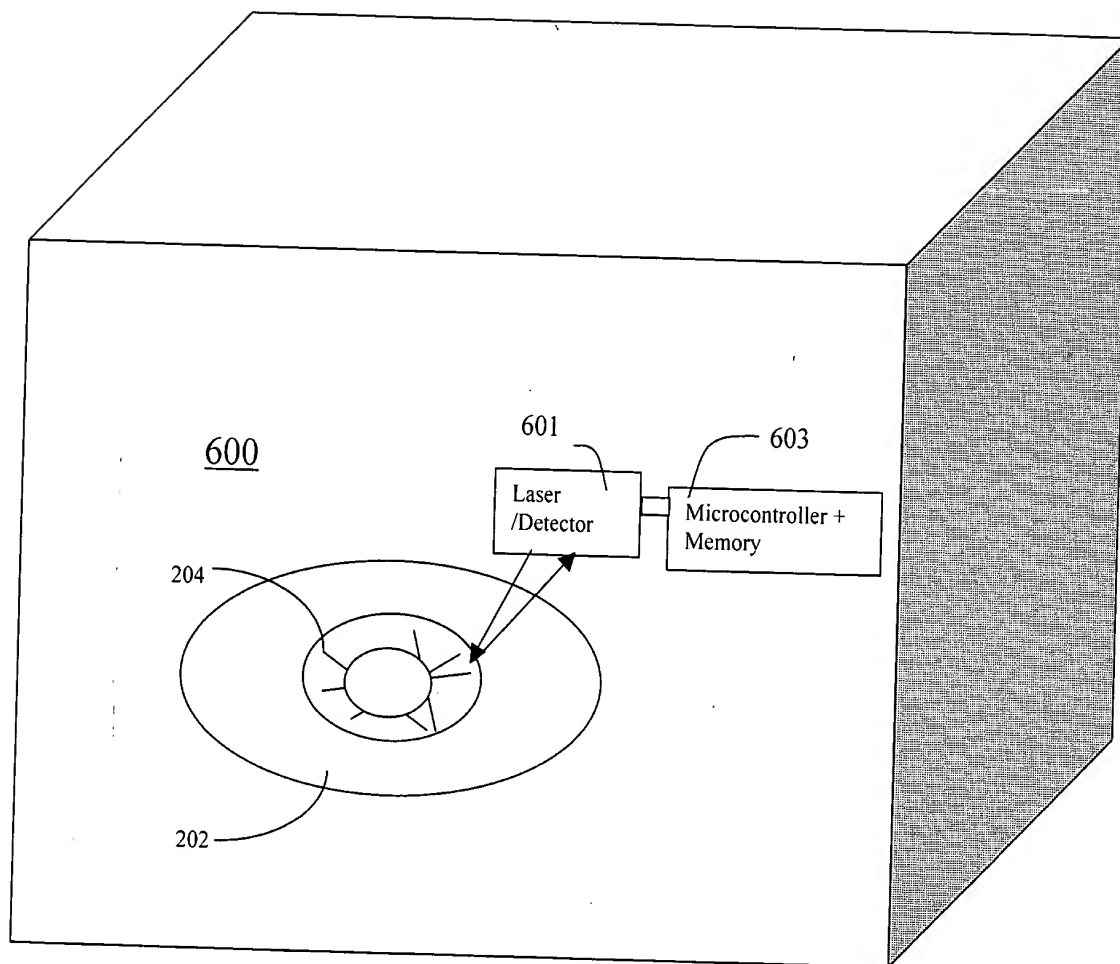


FIGURE 21